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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/754,494	01/12/2004	Peter Yeung	095P39	8277

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EXAMINER
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CLARKE, SARA SACHIE

ART UNIT	PAPER NUMBER
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3749

DATE MAILED: 03/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/754,494	YEUNG, PETER	
	<b>Examiner</b>	<b>Art Unit</b>	
	Sara Clarke	3749	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 December 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☐ Claim(s) \_\_\_\_\_ is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-7, 9 and 10 is/are allowed.
- 6) ☒ Claim(s) 8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

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## **DETAILED ACTION**

### ***Priority***

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Drawings***

The corrected drawings were received on December 15, 2004. These drawings are acceptable.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over applicant's discussion of the prior art.

Figs. 1-3 of applicant's specification, marked prior art, disclose the invention substantially as claimed with the exception of the shaft having the threaded recess and the cap having the threaded bolt.

It has been held that the mere reversal of parts was an obvious expedient. See In re Gazda, 219 F.2d 449, 104 USPQ 400 (CCPA 1955).

In the current case, applicant has reversed the location of the threaded recess and the shaft. Applicant has provided no evidence that such a change produces any unexpected results. Thus, it would have been obvious to one of ordinary skill in the art

at the time of applicant's invention to provide the shaft and the cap of the disclosed prior art with the threaded recess and the bolt, respectively, since this change merely involves the reversal of the parts of the disclosed prior art.

***Allowable Subject Matter***

Claims 1-7, 9, and 10 are allowable.

***Response to Arguments***

In response to the examiner's rejection based upon In re Gazda, the applicant argues "the parts have not merely been reversed as in the positions of the clock and ratchet of In re Gazda." To support his first argument, applicant contends that the structure of the shaft itself has been altered. That is, the threads are provided in a recess in the shaft and the fan cap is provided with a threaded bolt.

However, this alteration is tantamount to a reversal of parts. Instead of the threaded recess being provided on the cap, as per the prior art, it is provided in the shaft. Likewise, instead of the threaded bolt being provided on the shaft, applicant claims it on the cap.

Applicant further contends, in the form of attorney arguments, that these alterations mean that "the shaft need not project out of the bottom of the fan as previously required in order to provide a threaded surface for the fan cap of the prior art to connect to, thereby providing a tangible advantage."

In contrast, the original disclosure indicates that it is a low profile fan cap and the shaft's dimensions that allow for an overall low profile. See page 6, lines 10-15. No reason is given for the reversal of parts.

All of the evidence of record, including the original disclosure and the attorney

arguments have been considered. However, since the attorney arguments contradict the original disclosure they are given little weight. Moreover, since no reason is given for the reversal in the original disclosure, the conclusion in the original rejection that the alteration amounted to a mere reversal of parts is found to have been properly made.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

### ***Contact Information***

Any inquiry concerning this or earlier communications from the examiner should be directed to Sara Clarke whose phone number is 571-272-4873. The examiner normally can be reached Mon-Fri, 8:30-1:00.

If attempts to reach the examiner by phone are unsuccessful, the examiner's supervisor, Ira Lazarus, can be reached at 571-272-4877. The fax number for the organization where this application is assigned is 703-872-9306.

Status information for an application is available from the Patent Application Information Retrieval (PAIR) system. Status information for published applications is available from Private or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about PAIR, see <http://pair-direct.uspto.gov>. For questions on access to Private PAIR, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sara Clarke   
Primary Examiner  
Art Unit 3749

February 25, 2005